
Description: Industrial and specifically factory automation is the use of different control systems, software and other technologies for automation of the factory. The day to day technological advancements are helping the manufacturing process and other such tasks perform a lot faster and cost effective. The use of these technologies increases productivity, quality, almost negates wastage, faster interaction with different departments within the company and other such perks.

The challenges for this market are reduced security and high installation and maintenance costs. The biggest market for this industry exists in china which is the primary hub of global manufacturing industry. China for example accounts for more than 60% of Siemens control systems manufacturing. The need for automation is due to growing need for better quality products with increased production rates and also to reduce the labor costs.

The Industrial Automation equipment and services market is slated to grow at 7.05% CAGR for the next five years. The market is estimated to reach $283.2bn by 2018.

Control systems have the largest market in factories with M2M interaction making the process completely automated. Software's like ERP gives business management solutions, PAC aids with M2M interaction in control systems. Sensors help in differentiating, error control and production management.

Innovative products and services are gradually capturing the Industrial Automation market. Companies such as Sick AG are offering better miniature sensors to which are affordable and productive. Siemens who already have strong market in Asia are increasing production due to demand for automation in emerging countries like India.

The report is segmented based product types, end use verticals and geographic regions. The market share analysis, strategies and future opportunities are also discussed in the report. The service market has been aiding the market in earning significant revenues apart from the hardware and software sales, with an augmented segment of the end-users, preferring the maintenance and outsourcing services instead of the in-house purchase and the subsequent maintenance.

This report on the Global Industrial Automation Market identifies many such insights and M&A opportunities, besides providing a detailed analysis of the Industrial Automation services and equipment market. Competitive landscape for each of the product types is highlighted and market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments. Market shares of the key players for 2012 are provided. The prominent players profiled in this report are ABB, Schneider Electric, Rockwell Automation, Honeywell International and others.

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